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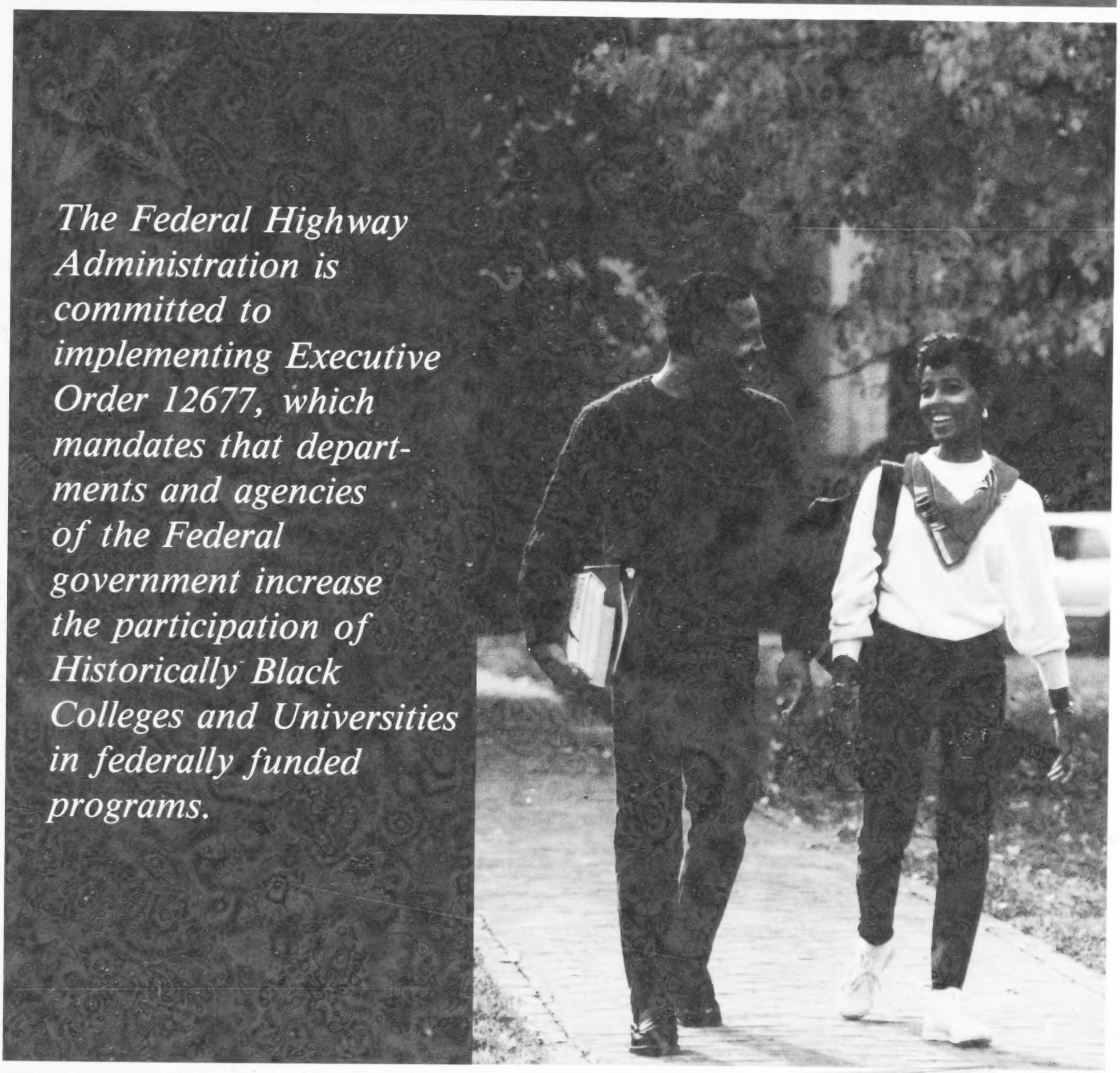
U.S. Department
of Transportation

**Federal Highway
Administration**

THE **FHWA** CHOICE:

HISTORICALLY BLACK COLLEGES AND UNIVERSITIES PROGRAM



The Federal Highway Administration is committed to implementing Executive Order 12677, which mandates that departments and agencies of the Federal government increase the participation of Historically Black Colleges and Universities in federally funded programs.

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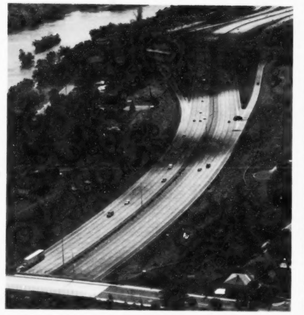
Morris Brown College



Thomas D. Larson

STATEMENT OF COMMITMENT FROM THE ADMINISTRATOR

The Federal Highway Administration (FHWA) is committed to implementing Executive Order 12677, which mandates that departments and agencies of the Federal government increase the participation of Historically Black Colleges and Universities (HBCU) in federally funded programs.

As Federal Highway Administrator, I intend to vigorously promote the utilization of HBCUs in all programs and activities for which FHWA is responsible. Historically Black Colleges and Universities have provided, and continue, today, to provide graduates who have proven to be vital parts of this Nation's growth and development. The FHWA intends to increase efforts to more fully utilize the resources supplied by HBCUs.

Currently, the FHWA is providing opportunities for HBCUs in the areas of recruitment, training, and fellowships. Our HBCU Program will be reviewed to identify the effect of current efforts and, where possible, expand the program into other operational areas.

The Federal Highway Administration (FHWA) has long recognized the value and role of Historically Black Colleges and Universities (HBCUs). As this Nation moves into the 21st century, the FHWA is seeking to increase opportunities for HBCUs to participate in and benefit from highway programs and projects.

On April 28, 1989, President Bush signed Executive Order 12677, directing all departments and agencies to strengthen the role of HBCUs in Federal programs. This executive order states that particular emphasis shall be given in providing technical, planning, and development advice to HBCUs, with the goal of ensuring the long-term viability of these institutions.

As an agency of the U.S. Department of Transportation, the FHWA is committed to a National Transportation Policy, which includes promoting cooperative programs with universities. These cooperative programs will be in combination with public agencies and the private sector, to carry out an ongoing exchange of knowledge and innovative ideas among professionals in the transportation field.

THE FHWA'S MISSION

The FHWA works with State highway agencies, transportation associations, State Motor Vehicle Administrations, State Departments of Public Safety, and private consultants throughout the United States. The FHWA is involved in all phases of highway research, planning, design, construction, traffic operations, and safety.

The FHWA uses Civil, Mechanical, Geotechnical, Chemical, Hydraulic, Electrical, Environmental, and Human Factors engineering disciplines in many of its operations. In addition, many other FHWA operations require expertise in right-of-way, safety, law, finance, and management.

FHWA CONTRACT OPPORTUNITIES

The FHWA awards millions of dollars in contracts each year for highway research, development, and technology to universities, private research firms, and nonprofit organizations. Many opportunities exist for Historically Black Colleges and Universities to receive research contracts and fellowships through these funds.

Contracting authority for the FHWA is delegated to the headquarters Office of Contracts and Procurement and to the Federal Lands Highway Division Offices. The Office of Contracts and Procurement awards the following contracts:

- All FHWA research and development contracts.
- All contracts for services and equipment in support of FHWA highway planning, research, training, and related support services.
- Contracts for the Office of Motor Carriers, in support of the safety and motor transportation mission.

These procurements cover supplies, materials, equipment, and other program responsibilities. For contracting information, contact:

Office of Contracts and Procurement
400 Seventh Street, S.W.
Washington, D.C. 20590.

The FHWA Federal Lands Highway Division Offices award contracts for survey, design, and construction of forest highways, park roads, and parkways; Indian Reservation roads; Defense Access roads; and other roadways that provide access to or within Federal lands. These contracts are awarded by three division offices. For contracting opportunities, contact these offices:

Eastern Federal Lands
Highway Division
21400 Ridge Top Circle
Sterling, VA 22170

Central Federal Lands
Highway Division
P.O. Box 25246
555 Zang Street
Lakewood, CO 80228

Western Federal Lands
Highway Division
610 East Fifth Street
Vancouver, WA 98661

CONTRACTING WITH THE FHWA

The following sections outline some of the contracting opportunities available with the Federal Highway Administration.

Contracting information for these programs can be obtained through the Office of Contracts and Procurement.

RESEARCH AND DEVELOPMENT

The FHWA conducts many research and development studies each year. A significant number of these activities are contracted to colleges and universities. The FHWA has established High Priority National Program Areas as focal points for research, which include Highway Safety, Traffic Operations, Pavements, and Structures.

MOTOR CARRIERS

The FHWA funds research and development contracts to support the regulatory functions of motor carriers. Research is generally conducted in the following areas:

- Hazardous materials transportation.
- Vehicle operation and maintenance.
- Driver fatigue and alertness.
- Medical qualifications of commercial drivers.
- Improved stopping capabilities of heavy trucks.
- Size and weight regulation and enforcement.
- Regulation and taxation of motor carriers.
- Information systems development.

POLICY

The FHWA offers many contracting opportunities in policy development:

- Cost allocation among highway user groups.
- User fee projections and impact analyses.
- Truck size and weight policy analysis.
- Improved highway usage, performance, and financial data.
- Development of analytical procedures and associated software related to the measurement of highway performance activity.
- Formulation of new and reassessment of existing data collection procedures related to highway usage and related performance characteristics.
- Development and implementation of highway usage information systems.
- Transportation and economic productivity relationships.

SAFETY AND SYSTEM APPLICATIONS

The FHWA, in its continuous effort to reduce the frequency and severity of accidents on the Nation's highways, contracts with colleges and universities to develop training courses, host conferences, and conduct training on highway safety measures. Contracts also are awarded to prepare case studies of safety and traffic engineering applications, as well as manuals, handbooks, and guidelines.

PROGRAM DEVELOPMENT

The FHWA administers Federal requirements for each stage of development in Federal-aid highway projects. These stages are as follows:

(1) Comprehensive planning for development of highway and other transportation systems.
(2) Review of social, economic, and environmental impacts.
(3) Acquisition of right-of-way.
(4) Design of highways and bridges according to approved standards.
(5) Construction and maintenance of completed projects.

Program development requires three major responsibilities:

- Providing uniform design policies, standards, and procedures for quality construction of the Nation's bridges, highways, and tunnels.
- Ensuring eligibility of expenditures.
- Funding for repair of damage caused by natural disasters and catastrophic failures.

RESEARCH FELLOWSHIPS

Grants for Research Fellowships are awarded each year for students to perform full-time research and development projects, ranging in duration from 3 months during the summer to a full 12 months. Students selected under this program will receive a stipend ranging from $1,100 a month for college sophomores to $1,600 a month for graduate students. The program is announced and applications are available in October of each year.

EMPLOYMENT OPPORTUNITIES

The FHWA is looking for men and women committed to careers that make a difference: intelligent, motivated individuals with maturity, judgement, and interpersonal skills. The FHWA is searching for people to meet the challenges of the future.

As a member of the FHWA team, you could be a part of this future, contributing to one of the largest highway programs in history. Inquiries about the FHWA may be directed to:

Federal Highway Administration
Office of Personnel and Training
400 Seventh Street, S.W.
Washington, D.C. 20590.

HIGHWAY ENGINEER TRAINING PROGRAM

This is an entry-level career development program. College students can start the 27-month training program after completing all of the requirements for the bachelor's degree in civil engineering. Information regarding the program can be provided by the Office of Personnel and Training.

LEGAL POSITIONS

The Office of Chief Counsel is involved with the recruitment of students from HBCUs and has a contact attorney who provides job opportunity information. Notification of job vacancies will be provided to law schools at HBCUs and applications will be solicited for employment consideration. Inquiries about this program may be directed to:

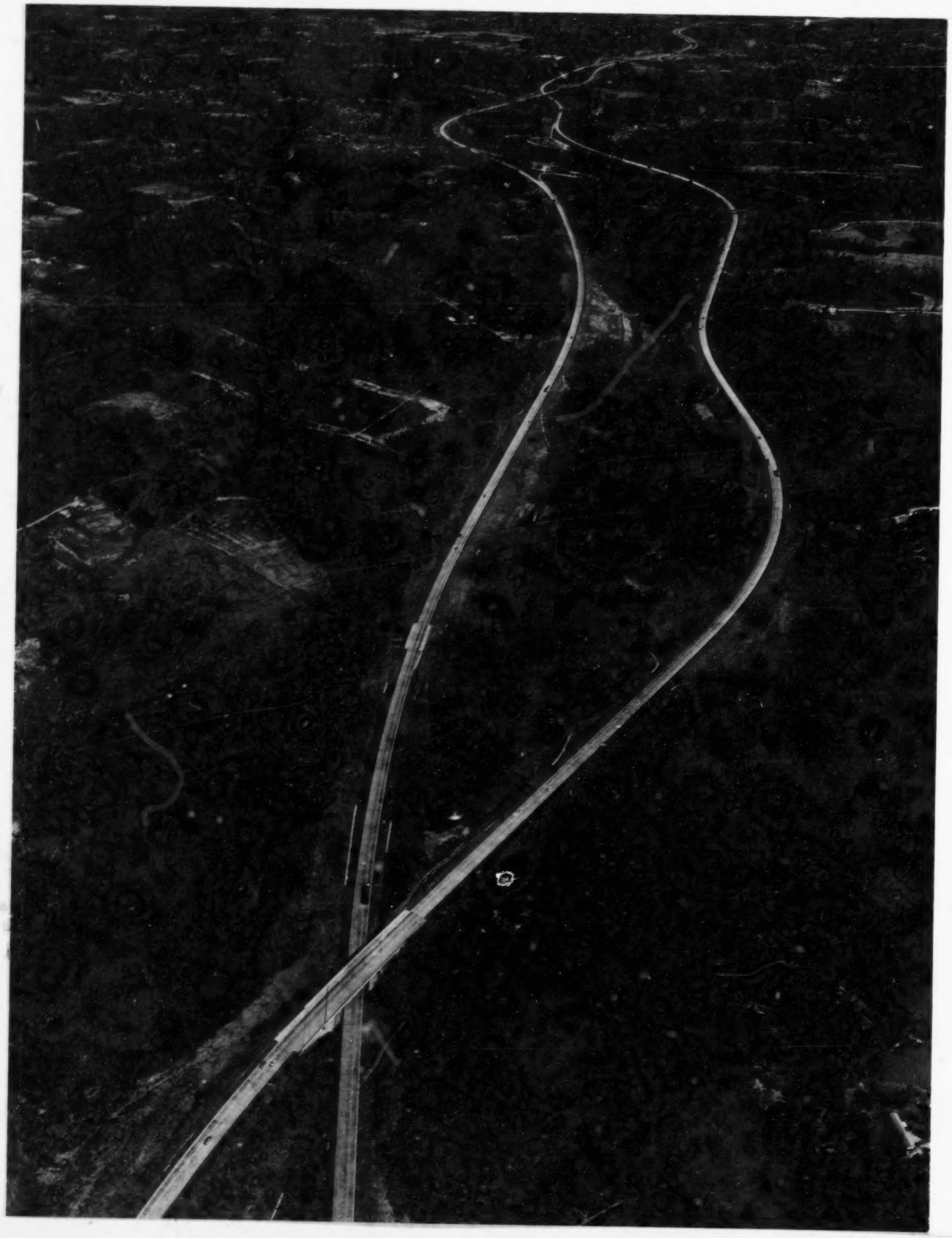
Federal Highway Administration
Office of Chief Counsel
400 Seventh Street, S.W.
Washington, D.C. 20590

STUDENT VOLUNTEERS

The FHWA offers educational institutions the opportunity to set up volunteer work programs for students. The student volunteer programs are initiated by the institutions. Students are not paid, but they receive college credits for their services. The program enables students to get needed exposure to the work environment and encourages career exploration. The HBCUs interested in this program opportunity should contact the FHWA, Office of Personnel and Training.

SUMMER EMPLOYMENT

The FHWA is involved in the Summer Employment Program, which provides training and work opportunities for students during the summer months from May 13 to September 30. The program offers various positions from office support to professional positions. The Office of Personnel and Training can provide additional information about the Summer Employment Program.



Charlyne A. Schofield
Transportation Specialist
FHWA Career: 10 years

HBCU Graduate:
University of the District of Columbia

Historically black colleges or universities should attend more annual transportation meetings (e.g., Transportation Research Board) to become more aware of what funding opportunities are available in FHWA and other DOT agencies. This will enhance their knowledge of how programs in FHWA are administered. If your college or university does not have an Engineering Department, don't "write-off" FHWA. There are other programs that can be pursued.

Theresa L. Manago
Equal Opportunity Specialist
FHWA Career: Six Months

HBCU Graduate:
Bowie State University

Since I have been employed with FHWA, I have had excellent training opportunities and exposure to every facet of the agency as a whole.

Eugene W. Cleckley
Chief, Environmental Operations Division
FHWA Career: 18 years

HBCU Graduate:
South Carolina State College

Working with FHWA since 1973, I have been fortunate to hold numerous positions at the staff, mid-manager, and executive levels in our field and Headquarters Offices. I have traveled to 41 of the 50 states, lived in four states, and met on numerous occasions with Federal, State, and local governmental and political officials, the general public, and members of academia. Presently, I am proud to be an integral part of the management team to implement our new National Transportation Policy...to shape America's transportation programs for the future.

Alfred D. Logie
Technology Programs Engineer
FHWA Career: 11 years

HBCU Graduate:
Howard University

Through the FHWA Highway Engineer Training Program, one is afforded the total highway engineering experience while also being able to emphasize particular fields of interest. FHWA's Grants for Research Fellowship Program provides opportunities for undergraduate and graduate students to conduct research projects in a work place environment while utilizing facilities not available at their universities. These opportunities go a long way in boosting the competence and self confidence necessary for competing in the real world scenario.

FHWA COLLEGE CURRICULUM PROGRAM

Through this program, the FHWA makes educational material developed for FHWA-sponsored training courses available to technical institutes, colleges, and universities. This program is designed to encourage joint training efforts by providing professional faculty with current technology that may readily be adapted to local training needs.

Upon request from department heads or faculty representing their departments, the FHWA will furnish, at no charge, individual items or one set of the instructional and student material per school. Information regarding this program may be directed to:

National Highway Institute
6300 Georgetown Pike
McLean, VA 22101-2296

THE ROLE OF THE FEDERAL HIGHWAY ADMINISTRATION

The FHWA's primary mission is to ensure that the Nation's highway transportation system is safe for public use. This movement of people and goods must be accomplished economically and efficiently. The FHWA also must consider how highways affect the environment, as well as social and economic conditions.

FEDERAL-AID HIGHWAY PROGRAM

The FHWA administers the Federal-aid Highway Program, an annual multi-billion dollar program of financial assistance to the States. Federal funding comes from a highway-user, tax-supported Highway Trust Fund. The principal revenue source is the motor-fuel tax.

FHWA HEADQUARTERS, REGIONS, AND DIVISIONS

The FHWA has its headquarters office in Washington, D.C. The headquarters staff formulates policy and provides staff guidance and direction to the field organization. The field organization includes regional and division offices. Nine regional offices are located throughout the United States. A division office is located in each State, the District of Columbia, and Puerto Rico. The division offices are grouped under and report to the nine regional offices.

RESEARCH CENTER

The Turner-Fairbank Highway Research Center is in McLean, Virginia (near Washington, D.C.). The center provides laboratory facilities for staff and contract research.

MOTOR CARRIERS

The Motor Carrier offices are collocated with each FHWA division office. The following States also have additional offices in key metropolitan areas: California, Illinois, New York, Pennsylvania, Texas, and Virginia.

FEDERAL LANDS HIGHWAY DIVISION OFFICES

The FHWA has three Federal Lands Highway divisions: Eastern Division, Sterling, Virginia; Central Division, Denver, Colorado; and Western Division, Vancouver, Washington.

INTERNATIONAL OFFICES

Technical assistance is provided to nations around the world. Such international projects provide FHWA personnel the opportunity to work and live outside the United States.

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